

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims:

1-17. (Canceled)

18. (Currently Amended) A device for treating a disease of a heart, the device comprising:
a jacket adapted to be secured to said heart and adapted to be adjusted on
said heart to snugly conform to an external geometry of said heart to constrain
circumferential expansion of said heart during diastole and permit substantially
unimpeded contraction of said heart during systole,

said jacket have a base end sized to surround at least a valvular annulus of
said heart and said jacket extending from said base end to an apex end sized to
surround said heart near an apex of said heart, a direction between said base end
and said apex end defining a longitudinal dimension;

wherein said jacket is constructed from a material selected to exhibit an
amount of expansion in response to a force applied to said material in a first
direction greater than an amount of expansion in response to said force applied to
said material in a second direction; and

said material oriented on said jacket with said first direction extending in a
direction substantially aligned with said longitudinal dimension;

whereby said jacket is more readily expandable in said longitudinal
dimension than in a direction transverse to said longitudinal dimension.

19. (Previously presented) The device of claim 18, wherein said material is formed from a
plurality of interconnected elongated members with opposing surfaces of said members defining
a plurality of open cells.

20-21. (Canceled)

22. (Previously presented) The device according to claim 18, wherein said jacket is configured to constrain at least a lower portion of the heart.
23. (Previously presented) The device according to claim 18, wherein said jacket is dimensioned so as to circumferentially surround said heart.
24. (Previously presented) The device according to claim 19, wherein said elongated members are coated.
25. (Previously presented) The device according to claim 19 +8, wherein said elongated members are formed of a plurality of fibers.
26. (Previously presented) The device according to claim 19, wherein said elongated members are formed of metal.
27. (Previously presented) The device according to claim 26, wherein said metal is stainless steel.
28. (Previously presented) The device according to claim 18 wherein said jacket is adapted to constrain said heart from expanding beyond a maximum volume.
- 29-33. (Canceled)

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